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BATTERY PACK REMOVAL

Battery assembly

Battery release lever
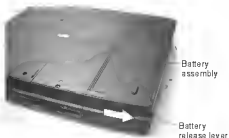
1. Turn the computer upside down as shown
2. Slide the **battery release lever** in the direction of the arrow
3. Slide the **battery assembly** towards you and lift it out

## OPTIONAL PCMCIA CARD REMOVAL

Eject button   PC card

1. Pull out the **eject button** of the PC card to be removed
2. Press the **eject button** and remove the **PC card**

NOTE : Before removing any PCMCIA device make sure it is STOPPED in the PC Card Manager

HDD REMOVAL

M2.5x8 black screw

HDD slot cover

1. Turn the computer upside down
2. Remove **one M2.5x8 black screw** securing **HDD cover** and pull out the cover

HDD bracket   HDD
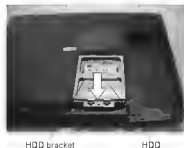
3. Slide the **HDD** forward to disconnect from PJ9 on the system board
4. Lift out the **HDD**

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KEYBOARD REMOVAL

Latch

Keyboard

Keyboard holder

1 Open the display panel
2 Remove the **keyboard holder** at the top of the keyboard

KEYBOARD REMOVAL

M2x4 brass screw   Keyboard

3 Remove **two M2x4 brass screws** securing the keyboard
4 Lift out the **keyboard** and lay it face down on the palm rest. Be careful not to apply pressure to the keyboard cable

KEYBOARD REMOVAL

PJ14

Keyboard
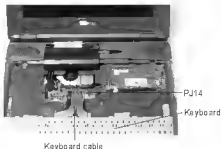
Keyboard cable

5 Disconnect the **keyboard cable** from **PJ14** on the system board and remove the **keyboard**

MODEM REMOVAL

Modem board

M2x4 brass screws   PJ701   Modem cable

1 Remove **two M2x4 brass screws** securing the modem board
2 Lift up the front side of the **modem board** and remove it from the system board
3 Disconnect the **modem cable** from **PJ701** on the modem

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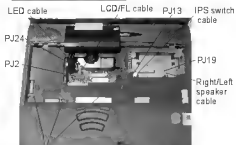### Tough Enough for Today's World.

EXPANSION MEMORY REMOVAL

Memory module

Memory clips

1 Gently push the **memory clips** outward and pull the **memory module** out of the connector on a 30 degree angle
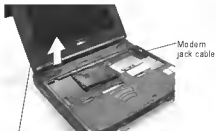
TOP COVER REMOVAL

M2.5x6 black screws   M2.5x8 black screws

M2.5x20 black screws

1 Turn the computer upside down and remove the following thirteen screws
  2 M2.5x20 black screws
  6 M2.5x8 black screws
  5 M2.5x6 black screws from battery slot and back of the computer

TOP COVER REMOVAL

LED cable   LCD/FL cable   PJ13   IPS switch cable

PJ24

PJ2

PJ19

Right/Left speaker cable

M2.5x6 brass screws   Seal/M2x4 black screw

2 Turn the computer right side up and open the display panel
3 Disconnect the following five cables
  LCD/FL cable from PJ2
  IPS switch cable from PJ13
  Left and Right speaker cable from PJ19
  LED cable from PJ24
4 Remove the **seal** covering the top screw and remove **oue M2x4 black screw** and **three M2.5x6 brass screws** securing top cover

Modem jack cable

Display assembly

5 Lift up the back side of the top cover and display assembly and pass the **modem jack cable** through the opening in the upper cover
  CAUTION: When installing the top cover make sure that the modem jack cable is routed properly through the opening of the top cover
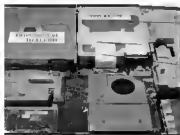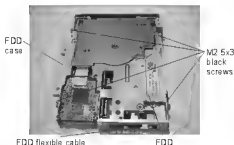
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FDD REMOVAL

FDD
FDD flexible cable
PJ7

1 Disconnect the **FDD flexible cable** from **PJ7** on the system board
2 Remove the **FDD**
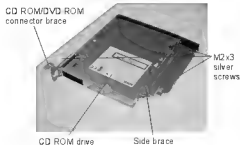

FDD case
M2.5x3 black screws
FDD flexible cable
FDD

3 Remove **four M2.5x6 black screws** securing the FDD to the FDD case and separate the **FDD** from its case
4 Disconnect the **FDD flexible cable** from the FDD

CD-ROM/DVD ROM_DRIVE REMOVAL

CD/DVD ROM drive   PJ10

1 Slide the **CD ROM/DVD ROM drive** in the direction of the arrow and lift it out

CD ROM/DVD ROM connector brace
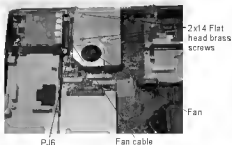M2x3 silver screws
CD ROM drive   Side brace

2 Remove **two M2x3 silver screws** securing the left and right side braces on the CD ROM/DVD ROM drive

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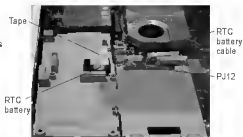### Tough Enough for Today's World.

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COOLING FAN REMOVAL


2x14 Flat head brass screws

Fan

PJ6   Fan cable

1 Remove **four flat head brass screws** securing the cooling fan
2 Remove the **cooling fan** and disconnect the **fan cable** from **PJ6** on the system board

RTC BATTERY REMOVAL

Tape

RTC battery cable

RTC battery

PJ12

1 Remove the **tape** securing the **RTC battery**
2 Disconnect the **RTC battery cable** from **PJ12** on the system board
3 Lift out the **RTC battery**

SYSTEM BOARD REMOVAL

Modem jack

Audio jack panel

Plastic switch cover
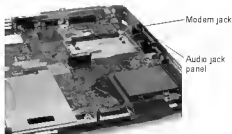
1 Release the latches securing the **modem jack** and remove it
2 Release the latches securing the **audio jack panel** and remove it

M2.5x6 silver screws
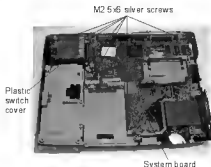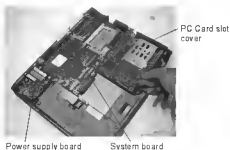
System board

3 Remove **eight M2.5x6 silver screws** securing the system board and power supply board
4 Lift out the **plastic switch cover**

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SYSTEM BOARD REMOVAL

PC Card slot cover

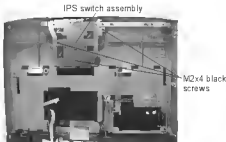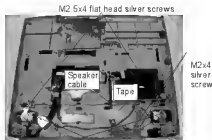Power supply board   System board

5 Lift up the **system board and power supply board** from the front side and pull them out. Ensure that the eject button of the PC Card slot is not caught on the bottom cover

6 Lift out the **PC Card Slot cover**

MEMBRANE SWITCH REMOVAL

IPS switch assembly

M2x4 black screws

1 Remove **three M2x4 black screws** securing the IPS switch assembly

2 Lift out the **IPS switch assembly**

SPEAKERS REMOVAL

M2.5x4 flat head silver screws

Speaker cable   Tape

M2x4 silver screw

Speaker brackets   Speakers   Cover sensor spring

1 Remove **two M2x4 flat head silver screws** securing each speaker bracket and lift out the two **brackets**

2 Remove the **tape** securing the **speaker cables**

3 Remove **one M2x4 silver screw** securing the cover sensor spring

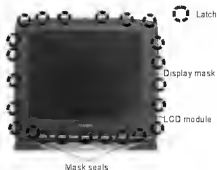4 Remove **one M2x4 silver screw** securing the **cover sensor PCB** and lift out the speaker assembly

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13.3 TFT DISPLAY MASK REMOVAL

Labels: Latch, Display mask, LCD module, Mask seals

1. Remove **two mask seals** at the bottom corners of the display assembly
2. Remove **two M2.5x6 brass screws**
3. There are **23 latches** securing the **display mask** Carefully insert your fingers between the **display mask** and the **LCD module** and pry open the latches starting from the **top six latches** to the **five latches ou the right aud left sides** ending with the **six bottom latches**

FL INVERTER AND 13.3 TFT LCD REMOVAL

Labels: HV cable, M2.5x6 brass screws, M2x4 brass screws, LCD cable, LCD module, FL cable, FL inverter board
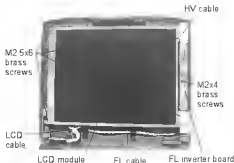
1. Remove all tapes and **oue M2x4 brass screw** securing FL inverter board
2. Carefully lift up the **FL iuverter board** and disconnect the **FL iuverter cable** from **CN1** and the **HV cable** from **CN2**
3. Remove **four M2.5x6 brass screws** securing the LCD module
4. Carefully rotate the **LCD module** from right to left of the LCD cover
5. Disconnect the **LCD cable** from the LCD module and remove the **LCD module** from the computer

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